

**ABSTRACT OF THE DISCLOSURE**

A permanent magnet design includes a magnetic field that is skewed relative to a center line of the magnet body. One surface of the magnet is adapted to be mounted or supported on a motor assembly component such as the rotor. The other  
5 side of the magnet body includes at least one surface that is not aligned with the center line of the magnet body. When the magnet is supported on a motor component so that the magnet center line is aligned with the axis of rotation of the motor rotor, the magnetic field of the magnet is not aligned with the rotor axis.

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